

**Amendments to the Specification:**

Please amend the specification as follows:

Page 2, lines 13-19, replace with the following paragraph:

In the U.S. application of Lars Tenerz and Mattias Tullberg, entitled “SENSOR AND GUIDE WIRE ASSEMBLY,” filed July 2, 2003 [~~attorney docket number 030481-0206~~], U.S. Serial No. 10/611,661 and which is assigned to the present assignee, a principally different solution is presented. Here it is the design of the sensor element itself – rather than the mounting arrangement and design of the core wire – that provides the resistance against bending artefacts. According to this application, a sensor element comprises a mounting base which provides for the desired cantilevered mounting of the sensor element.